Computer-Implemented Data Messaging Ring

ABSTRACT OF DISCLOSURE

A computer-implemented system and method for communicating among a plurality of computer-based machines that are interconnected through a network. The method and system utilize a first group of computer modules that operate on a first machine as well as a second group of computer modules that operate on a second machine. The modules of the first and second groups exchange messages over a data network ring. Any one of the modules in the first group may operate as a proxy that is responsible for messages sent to or from the first machine over the data network ring. Any one of the modules in the second group may operate as a proxy that is responsible for messages sent to or from the second machine over the data network ring.